Record Group 104. Entry 28.

Assay of Ingots Copper and Nickel

Digitized September 14, 2023, Philadelphia, Pennsylvania.
Box 2, Book 20, for 1858.

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RG 104 RECORDS OF THE BUREAU OF
THE MINT

Records of the U.S. Mint at
Philadelphia
Operating Records
Records of the Assays

ASSAY WORKBOOKS, 1795-1905

Box 02 NC-152 Entry 28

2
1-80523392

48521

Col 4450 - 8900 Contd iron 92.80

4280 - 85.60 " 89.40

Pr 4810 9620

Nickel 760

after wash 745

silia 80.665

Iron 12 12.8

1- 205 790 after Wash 774

Silica 92 iron 12 13.

R A 481 3963 - 7926 Defective

4311 4622 iron 89.28

4847 9694

T Lensing Col 4434 86.68 iron 89.74

4265 8530 " 88.36

4330 86.60 " 89.66

P' 4847 96.94

Nickel 662 11.4

80

R A 481 4270 85,40 87 50

nickel 670
65 11 8

R A Kensington

Cop 4272 85,44 87 54

4301 86 02 88 12

522. 557 Cop 4285 85,70 87.80

4160 83,20 85.30

p^a 4895 97.90

Nickel 678
70 11.8

Warm 683

558-601 Cop 4350 87,00 iron 89 18

4276 85,52 87.70

4891 97 82

Nickel 356 - 346
20 12 6

May 23 8 boxes from Kens

Cop 4307 - 86,14 88.62

4348 86.96 89.46

p^l 4875 97.50

3d lot

K. nickel 655-643 12.25
20

May 25

602-641 652-645 12.3
20

4th lot

May 26 8 boxes from K 24 ingots
682-670 12.8
20

new Potasse

R.A 2d lot from Kensington
4000 678-673 23 silex 12 iron ~~12.5~~ 11.8
76

R.A 101-205 543
3157 5 wash 25 silex 12 iron ~~12.5~~

R A 206-305 610 677
3600 25 silex 12 iron 12.4

R A 306.440 670
4000 23

642.677 $\frac{675}{70}$ 13 silex 11.9

R.A
441 to 557
4200 Ni 672-650 1125
silex 23. Iron 25 Al 32
5th lot

June 2 9 Boxes from Kensington lb 27
Ni 645

R Assy $\frac{665}{70}$ 11.7

June 2 678-707 Ni $\frac{660}{70}$ 11.6

June 4 708-735 $\frac{668}{70}$ Ni 11.7

June 4 6 boxes from Kensington 18
$\frac{671}{70}$ Ni 11.8

June 6 8 boxes from Kensington 24

Nickel 664-
70 11-7

June 9 8 boxes from Kensington

690 after W 668 704 11-7

Iron 25 - 11 - 5 - 41
1 2

Silica 18 18
59

436-779 668-656 11-7
60

Silica 17 1st 2d

Iron 23 30

R. Assay 1-to 100 658 well washed

after boiling 652- 11-6
60

Silica 20

Iron 41.

R A Kensington No 1 - 670

after boiling 665 118
60

Silica 18

Iron

Rye

No 780 — 831 — 677 after
boiling 665 — 126
60

Iron
Silese

R A Sum 2 9 Boxes from Kensington
665 117
70

3 lot from Kensington
666 — 656 117
66

12 2
558–601 670 — 660 118

Tunnells 7 Boxes from Kensington
700 — 690 123
66

June 16 832–863 Clip }
864–79 Bars }
666–656 11-7
60
596

June 19 8 boxes from Kensington
10 682–672 12.0
60
612

June 22 9 boxes from Kensington
11 675–666 11-9
60
606

June 27 8 boxes from Kensington
12 650–643 11 5
60

Clipping 880–937 inclusive
695–677 12,1
60

Kensington 8 boxes

June 30 - 658 — 657 11-7
60
597

13 -

July 1 Kensington 8 boxes

14 671 — 660 11-8
60

July 6 " 645 — 8 boxes 11 3
70

Rec'd July 6

July 9 " 8 boxes from Kensington

687 10 for potassa 12.07
77
610 67 oven & silos
77

Remainder with oven & silos

Iron 35

silos & oven 28 oven 79
66 silos
64

July 10 17 8 boxes from Kensington

710-690 12 4
60

July 10 18 8 boxes from Kensington

745-734 13 25
60

July 11 19 8 boxes from Kensington

745-734 13 25
60

Clif 938 to 999

708 12,5
70
638

705 12,5
70

700 12,4
70

710 12,6
70
640

July 21

720 12.7
70
640

Report. July 23

Liquid potassa over estimate for Silica

mean of a number of results	25
Iron	20
Alumina	20
over estimate for potassa	10
	75

the Muriatic Acid contains
13 pr ~~[illegible]~~ of acid

P

one result Iron & alumina
85 Silex 20
another Iron &c 95 silex 20
another silex 20 Iron 18 Al 28
another Iron &c 70.

Ingots 709 - 735 668 oz Nic I &c
Silex 19 - Iron 18 Al 35 - 9 - 6
Alu &c 50 redissolved & precipitated
with pure potassa - 49 - Redissolved
& precipitated with Ammonia gas
Iron &c 13 leaving 36 for nickel
silex 19 Iron 18 - Alum &c 50 87
36
51
amount of over determination 51
it is probable that a portion of
the aluminum was redissolved
by the the Ammonia say 10 m
which with an allowance for over
determination by potassa 10 — 70